

BOROUGH OF CHELMSFORD.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR

1939.

INCLUDING THE

REPORTS OF THE
CHIEF SANITARY INSPECTOR

AND THE

VETERINARY INSPECTOR.

MERVYN THOMAS, M.D., B.Sc., L.R.C.P., D.M.R.E., D.P.H.
(Appointed December, 1939).

ANDREW DICK, M.D., Ch.B., D.P.H.
(Resigned December, 1939).

Medical Officer of Health and School Medical Officer.

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Medical Superintendent, Joint Isolation Hospital.

R. F. WYNN, C.R.S.I., M.S.I.A.

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PUBLIC HEALTH OFFICERS OF THE BOROUGH.

MEDICAL OFFICER OF HEALTH :

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(Resigned December, 1939).

CHIEF SANITARY INSPECTOR :

R. F. WYNN, C.R.S.I., M.S.I.A.

SECOND SANITARY INSPECTOR :

E. A. SELLAR, M.R.S.I., M.S.I.A.

HEALTH VISITORS :

Miss E. E. GLASCODINE, S.R.N., S.C.M., H.V. Cert.

Miss B. H. ROBLIN, S.R.N., S.C.M., New H.V. Cert.

Mrs. H. M. HARWIN, S.R.N., S.C.M., H.V.

(Appointed August, 1939. Resigned September, 1939).

Miss M. A. CAMPBELL, S.R.N., S.C.M., New H.V. Cert.

(Appointed November, 1939. Resigned January, 1940).

DENTAL SURGEON :

FRANCIS V. MAGUIRE, L.D.S., R.C.S. (Eng.).

(Appointed Full-time 1st December, 1939).

DENTAL ATTENDANT :

Miss D. M. BARNES (appointed August, 1939).

CHIEF CLERK :

T. W. BUNTER, A.R.S.I.

CLERKS :

J. F. BURRIDGE (resigned June, 1939).

G. D. H. BROWN.

H. H. THOMAS (temporary, August, 1939).

S. V. EDWARDS, Sanitary Inspector's Clerk.

PART-TIME OFFICERS.

CONSULTING GYNÆCOLOGIST :

R. CHRISTIE BROWN, M.S., F.R.C.S., M.C.O.G.

VETERINARY INSPECTOR :

LIEUT.-COL. W. S. MULVEY, O.B.E., T.D., F.R.C.V.S.

BOROUGH OF CHELMSFORD.

Public Health Department,

Coval Lane,

Chelmsford.

October, 1940.

*To the Mayor, Aldermen and Councillors
of the Borough of Chelmsford,*

Mr. Mayor, and Gentlemen,

To comply with the requirements of the Ministry of Health Circular 1961 the following Statistical Review for the Year 1939 is appended. No preliminary Survey has been included in order that the Report may be as short as possible.

I have the honour to be,

Your obedient Servant,

J. MERVYN THOMAS,

Medical Officer of Health.

Statistics and Social Conditions of the Area.

AREA (in acres) ..	..	4,755.
POPULATION ..	{	32,020 (Registrar-General's estimate of resident population, mid-year 1939).
		26,537 (Census, 1931).
AVERAGE POPULATION ..	..	32,390 (Appropriate to the calculation of death rates).
NUMBER OF INHABITED HOUSES (end of 1939) according to		
Rate Books ..	..	10,662.
RATEABLE VALUE ..	..	£322,938.
SUM REPRESENTED BY A PENNY		
RATE ..	..	£1,338.

Extracts from Vital Statistics.

BIRTHS.		Total	Male.	Female.	Birth Rate per 1,000 of the estimated resident population mid-1939 —14.85.
Live Births	Legitimate ..	470 ..	245 ..	225	
	Illegitimate ..	11 ..	5 ..	6	
	Totals ..	481 ..	250 ..	231	
Still Births	Legitimate ..	19 ..	15 ..	4	Rate per 1,000 total (live and still) births :—39.9.
	Illegitimate ..	1 ..	— ..	1	
	Totals ..	20 ..	15 ..	5	

DEATHS.

All causes	307 ..	156 ..	151	Death Rate per 1,000 of the estimated resident population :—9.48.
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Deaths from Puerperal causes :—

Puerperal Sepsis	Nil ..	—	Rate per 1,000
Other Puerperal Causes	Nil ..	—	total (live and still births).

Death Rate of Infants under one year of age :—

All Infants per 1,000 live births ..	..	16.63
Legitimate infants per 1,000 legitimate live births ..	..	17.02
Illegitimate infants per 1,000 illegitimate live births ..	..	Nil.

Deaths from Cancer (all ages) ..	..	25
Deaths from Measles (all ages) ..	..	Nil.
Deaths from Whooping Cough (all ages) ..	..	Nil.
Deaths from Diarrhoea, &c. (under 2 years of age) ..	..	2

Deaths.

DEATHS AT VARIOUS AGES DURING 1939.

under year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 35.	35 and under 45.	45 and under 55.	55 and under 65.	65 and under 75.	75 and up- wards
1	2	4	—	4	9	17	24	56	73	110

DEATHS FROM ALL CAUSES, 1939.

Cause of Death.	Males.	Females.	Total.
Typhoid and Paratyphoid Fevers	—	—	—
Measles	—	—	—
Scarlet Fever	—	—	—
Whooping Cough	—	—	—
Diphtheria	—	—	—
Influenza	4	1	5
Encephalitis Lethargica	—	—	—
Cerebro-spinal Fever	—	—	—
Tuberculosis of Respiratory System	9	4	13
Other Tuberculous Diseases	—	2	2
Syphilis	—	—	—
General Paralysis of the Insane, Tabes Dorsalis	—	—	—
Cancer, Malignant Disease	14	11	25
Diabetes	—	5	5
Cerebral Haemorrhage	7	20	27
Heart Disease	36	32	68
Aneurysm	2	1	3
Other Circulatory Diseases	13	9	22
Bronchitis	5	10	15
Pneumonia	6	6	12
Other Respiratory Diseases	4	2	6
Peptic Ulcer	4	—	4
Diarrhoea, &c. (under 2 years of age)	2	—	2
Appendicitis	—	—	—
Cirrhosis of Liver	4	—	4
Other Diseases of Liver, &c.	1	—	1
Other Digestive Diseases	1	2	3
Acute and Chronic Nephritis	1	1	2
Puerperal Sepsis	—	—	—
Other Puerperal causes	—	—	—
Congenital Debility, Premature Birth, Malformations, &c.	4	3	7
Senility	12	22	34
Suicide	1	1	2
Other Violence	7	1	8
Other Defined Diseases	18	18	36
Causes Ill-defined or Unknown	1	—	1
Special causes (included under "other Defined Diseases" above)	—	—	—
Small-pox	—	—	—
Poliomyelitis	—	—	—
Polioencephalitis	—	—	—
TOTALS	156	151	307

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL
DEATH RATES, AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES
IN THE YEAR 1939.

England and Wales, London, 126 Great Towns and 148 Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns.)

	England and Wales.	126 County Boroughs and Great Towns including London.	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census).	London Adminis- trative County.
Rates per 1,000 Population.				
<i>Births.</i>				
Live	15.0	14.8	15.6	12.3
Still	0.59	0.59	0.57	0.44
<i>Deaths.</i>				
All causes	12.1	12.0	11.2	11.9
Typhoid and Para-Typhoid Fever	0.00	0.00	0.00	0.00
Smallpox	—	—	0.00	—
Measles	0.01	0.01	0.01	0.00
Scarlet Fever	0.01	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.03
Diphtheria	0.05	0.05	0.04	0.02
Influenza	0.21	0.19	0.20	0.18
<i>Notifications.</i>				
Smallpox	0.00	0.00	0.00	—
Scarlet Fever	1.89	1.96	1.78	1.53
Diphtheria	1.14	1.21	1.16	0.98
Enteric Fever	0.04	0.03	0.04	0.03
Erysipelas	0.34	0.46	0.31	0.37
Pneumonia	1.02	1.21	0.89	0.99
Rates per 1,000 Live Births.				
Deaths under one year of age ..	50	53	40	48
Deaths from Diarrhoea and Enter- itis under two years of age ..	4.6	6.3	3.0	8.2
<i>Maternal Mortality.</i>				
Puerperal Sepsis	0.77	Not available		
Others	2.16			
Total	2.93			
Rates per 1,000 Total Births (i.e., Live and Still).				
<i>Maternal Mortality.</i>				
Puerperal Sepsis	0.74	Not available		
Others	2.08			
Total	2.82			
<i>Notifications.</i>				
Puerperal Fever	14.35	17.26	12.99	3.31
Puerperal Pyrexia				14.22

Employment.

Unemployment figures, separately for the Borough, are not available, but the following which represent the percentage of unemployment in insured persons, are in respect of the Chelmsford District (including the Borough) :—

Men—2.3.

Women—1.3.

General Provision of Health Services.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

See Page 2.

NURSING IN THE HOME.

(a) General.

There is no change in these Services—the District Nursing Associations maintain a District Nurse in each Ward.

LABORATORY FACILITIES.

Pathological and bacteriological examinations and analyses of water, milk, food, etc., are made by the Counties Public Health Laboratories, 91, Queen Victoria Street, London, E.S.4.

During the year the following pathological materials have been submitted for examination :—

Specimen.				Number examined.
Diphtheria	..	..	..	388
Sputa	..	..	..	101
Typhoid	..	..	..	16
Miscellaneous	..	..	..	110
Total				615

LEGISLATION IN FORCE.

No new legislation came into force during the year.

HOSPITALS.

The Chelmsford and Essex Hospital and Dispensary (Voluntary).

Accommodation :—

	Males.		Females.		Total.
General medical	..	24	..	25	49
General surgical	..	42	..	27	69
Children, medical and surgical	—	—	..	—	27
Private wards	..	—	..	—	10
Total					155

Details of the Out-Patient Department are as follows :—

Massage, Electrical and Sunlight Departments	These departments are open daily.
X-Ray Department	The Radiologist attends at the Hospital on Monday, Wednesday and Friday afternoons.
Casualty Department	This department is open daily.

Out-patient Clinics.

Tuesday—11 a.m. ..	Surgical Genito-Urinary	Mr. M. D. Sheppard.
3.30 p.m. ..	Ear, Nose and Throat	Mr. Martin Henry.
Thursday—10 a.m. ..	Diabetic Cases ..	Dr. F. E. Camps.
Friday—10 a.m. ..	Surgical Orthopædic	Mr. H. A. H. Harris.
1.30 p.m. ..	Ophthalmic ..	Dr. S. G. Corner.
Saturday—10 a.m. ..	Medical Pathological	Dr. F. E. Camps.

The following Essex County Council Clinics are held at the Hospital :—

Tuesday—2 p.m.	Ante-natal.
6 p.m.	Veneral Diseases.
Wednesday—10 a.m.	Tuberculosis.
2.30 p.m.	Mental Diseases.
Fridays—11 a.m.	Veneral Diseases.
(2nd, 4th and 5th in each month).	

Chelmsford Public Assistance Institution. (Managed by the Essex County Council).

The Chelmsford Joint Isolation Hospital.

Diphtheria Block	4 ..	6 ..	10
Scarlet Fever Block	6 ..	5 ..	11
Do. for observation	1 ..	1 ..	2
Pavilion (S.F. or other diseases) ..	10 ..	10 ..	20
Do. for observation	1 ..	1 ..	2
<hr/>			
Total .. ..	..	..	45
<hr/>			

AMBULANCE FACILITIES.

(a) *For Infectious Cases.* A motor ambulance is maintained by the Chelmsford Joint Hospital Board for conveyance of patients. In addition, an older motor ambulance is in use for carrying of articles for disinfection and disinfestation to and from the hospital.

- (b) *For Non-Infectious and Accident Cases*; and
(c) *For Maternity Patients.*

These cases are dealt with by the St. John's Ambulance Brigade under agreement with the Town Council at an inclusive cost of £200 per annum.

The number of cases dealt with in 1939, and the mileage covered by the ambulance, are as follows :—

65 accidents	..	..	..	200 miles
363 removals	..	..	..	1,488 miles
428 cases				1,688 miles

This scheme automatically solves the problem of co-ordination of ambulance services with neighbouring authorities. The St. John's ambulances are, of course, not restricted to the Borough. They also serve the surrounding district.

CASES TREATED IN ISOLATION HOSPITAL DURING 1939.

Month.	Scarlet Fever.	Diphtheria.	Erysipelas.	Measles.	Mumps.	Typhoid.	Whooping Cough.	Meningitis.	Chicken Pox.	Pemphigus.	Other Diseases.	Cases under Observation.	Total.
January	3	3	—	—	—	—	—	—	—	—	—	—	6
February	3	1	—	—	—	—	2	—	—	—	3	—	9
March	9	4	—	—	—	—	4	—	—	—	2	—	19
April	4	2	—	—	—	—	—	—	—	—	—	—	6
May	3	1	—	—	—	—	—	—	—	—	—	—	4
June	7	3	1	—	—	—	—	—	—	—	2	—	13
July	13	1	1	—	—	—	—	—	—	—	2	—	17
August	7	1	—	—	—	5	—	—	2	—	1	2	18
September	10	17	—	—	1	6	—	—	2	—	7	2	45
October	12	1	—	—	—	—	—	1	—	—	2	—	16
November	10	3	1	—	—	—	—	3	—	—	6	—	23
December	4	1	—	3	—	—	—	—	2	2	2	1	15
Totals	85	38	3	3	1	11	6	4	6	2	27	5	191
Cases remaining from 1938	3	5	—	—	—	—	1	—	—	—	—	2	10
Total patients treated during 1939	88	43	3	3	1	13	6	4	6	2	27	5	201
Discharged during the year	86	42	3	1	1	13	6	2	4	2	27	5	192
Cases remaining on December 31st, 1939	—	—	—	—	—	—	—	2	—	—	—	—	2
Cases remaining on December 31st, 1939	2	1	—	—	2	—	—	—	2	—	—	—	7

Of the 191 patients admitted during the year, 68 came from the Borough of Chelmsford, 92 from the Chelmsford Rural District, 28 from Ongar and 3 from Braintree.

TUBERCULOSIS.

The arrangements of the Essex County Council for the supervision of patients suffering from Tuberculosis and contacts remain as before.

VENEREAL DISEASES.

Venereal Diseases Schemes are administered by the County Council.

SMALLPOX.

Arrangements as in previous years.

MATERNITY.

Our arrangement for the institutional treatment at St. John's Hospital, Wood Street, of cases of complications arising during pregnancy or confinement, and for cases where the home environment is unsatisfactory, remains as before.

Seventy-eight Borough cases were admitted to St. John's Hospital for confinement during the year.

The arrangements made for the Essex County Council to hold certain clinics at the Public Health Department are set out in the Table on page 12.

Maternity and Child Welfare.

CLINICS AND TREATMENT CENTRES.

These are as set out in the Table on Page 12.

The following figures show the extent to which the new department is being made use of by Borough residents and how the work has continued to increase :—

Attendances at Infant Welfare Centres.

	1936.	1937.	1938.	1939.
Children under 1 year of age	1,619 ..	2,455 ..	3,520 ..	4,086
Children between 1 and 5 years	1,102 ..	2,383 ..	3,913 ..	3,970
Total	2,721 ..	4,838 ..	7,433 ..	8,056

Number who attended for the first time during the year :—

Children under 1 year of age	172 ..	210 ..	250 ..	244
Children between 1 and 5 years	79 ..	172 ..	137 ..	161
Total	151 ..	382 ..	387 ..	405

Ante-Natal Clinic.

Attendances during the year ..	191 ..	270 ..	355 ..	377
--------------------------------	--------	--------	--------	-----

Post-Natal Clinic.

Attendances during the year ..	— ..	— ..	7 ..	35
--------------------------------	------	------	------	----

The Ante-Natal Clinic is held on the first and third Wednesday in each month. Mothers are encouraged to attend 6 weeks or so after the confinement for post-natal examination.

In addition, married women, where pregnancy would endanger health, are, on their request, given instruction in Birth Control.

FREE MILK SCHEME.

Milk is granted on medical grounds to the following categories of cases if they are necessitous according to the scale laid down by the Council :—

- (1) Prospective mothers during the whole period of pregnancy—1 pint per day.
- (2) Children up to 18 months—1 pint per day.
- (3) Children between $1\frac{1}{2}$ and 5 years— $\frac{1}{2}$ pint per day.

This scale is increased in necessitous cases.

During 1939 a total of 155 families received free milk, and 22,535 pints of "Graded" milk were distributed. This compares with 131 families and about 25,043½ pints for 1938.

MIDWIVES ACT, 1936.

Midwives employed by the Borough :—

- (1) Ritchie, Mrs. M. E. . . 79, Springfield Park Avenue.
- (2) Illingworth, Mrs. E. . . 40, Kings Road.
- (3) Miller, Miss E. M. . . "Lonciera," St. Mildred's Road.
- (4) Westlake, Miss I. G. . . "Hemingway," 65, First Avenue.

There are 10 other certified midwives in practice in the Area and 1 Registered Nursing Home, St. John's Nursing Home, Broomfield Road.

Inspection of Nursing Homes, etc.

Inspections are carried out by the Essex County Council, which is the Local Supervising Authority.

DENTAL SERVICE.

Dental treatment for expectant and nursing mothers and children under five years of age has been carried out during the year, and the following is a summary of the work done :—

No. of patients	..	..	..	267
Attendances made by patients		..	..	302
Fillings—				
Permanent teeth	..	..	..	33
Temporary teeth	..	..	..	72
Extractions—				
Permanent teeth	..	..	..	97
Temporary teeth	..	..	..	68
Other Operations—				
Permanent teeth	..	..	..	43
Temporary teeth	..	..	..	128
Administrations of general anæsthetic for extractions..				25

CLINICS AND TREATMENT CENTRES.

Name.	Accommodation.	Purpose.	Sessions.	By whom provided.
Minor Ailments Clinic.	Public Health Offices, Coval Lane.	Consultation and Treatment of School Children.	Daily 9-10 a.m.	Local Authority.
Eye Clinic.	Public Health Offices, Coval Lane.	Consultation and Treatment of School Children.	When necessary and by appointment.	Local Authority.
Dental Clinic.	Public Health Offices, Coval Lane.	(a) Treatment for School Children. (b) Treatment for Expectant and Nursing Mothers; and for Infants.	(a) 4 sessions per week. Wednesdays and Fridays, by appointment. (b) 2 sessions per month by appointment.	Local Authority.
Maternity and Child Welfare Centres.	Public Health Offices, Coval Lane.	Consultation.	Tuesdays and Thursdays, 2-4.30 p.m.	Local Authority.
Ante-Natal Clinic.	Public Health Offices, Coval Lane.	Consultation.	1st and 3rd Wednesdays in each month, 2.30 to 4.30 p.m.	Local Authority.
Post-Natal Clinic.	Public Health Offices, Coval Lane.	Consultation.	2nd Wednesday in each month, 2.30-4.30 p.m.	Local Authority.
Orthopaedic Clinic.	Public Health Offices, Coval Lane.	Consultation and Treatment.	2nd and 4th Monday in each month at 1.30 p.m.	Joint. Local Authority and Essex County Council.
Aural Clinic.	Public Health Offices, Coval Lane.	Consultation and Treatment.	Once every 2 months. By arrangement with Specialist.	Joint. Local Authority and Essex County Council.
Tuberculosis Dispensary.	Chelmsford and Essex Hospital, London Road.	Consultation and Treatment.	Wednesdays, 10-12. Fridays 11 a.m.	Essex County Council.
Ante-Natal Clinic.	Chelmsford and Essex Hospital, London Road.	Consultation for Chelmsford District cases only. Not for Borough cases.	1st and 3rd Tuesday each month, 2-15 p.m.	Essex County Council.

PUBLIC HEALTH ACT, 1936. CHILD LIFE PROTECTION.

(a) Number of persons who were receiving children for reward
at the end of the year 10

(b) Number of Children on Register :—

(1) At the end of the year 20

(2) Who died during the year Nil.

(3) On whom inquests were held during the year Nil.

(c) Proceedings taken during the year :—

(1) Number of cases Nil.

(2) Act and Section under which proceedings were
taken Nil.

HEALTH VISITING.

The Health Visitors have made the following visits during the year :—

	1st Visits.	Total Visits.
To expectant mothers	34 ..	51
To children under 1 year of age	472 ..	1,903
To children between the ages of 1 and 5 years	— ..	2,490
Totals	506 ..	4,444

INSTITUTIONAL PROVISION FOR—

(a) *Unmarried Mothers.* The only arrangement is that supplied by the Public Assistance Committee of the Essex County Council. After the lying-in period, however, they may be helped by the Girls' Aid Society, who have a Hostel just outside the Borough.

(b) *Illegitimate Infants.*

(c) *Homeless Children.*

} The Public Assistance Institution is
} available.

MATERNITY AND NURSING HOMES.

There is one private maternity home in the Borough—St. John's Nursing Home, Broomfield Road.

Sanitary Circumstances of the Borough.

WATER.

In addition to the periodic samples which are submitted to Dr. Suckling (tabulated in detail on page 14a) the Borough Water Analyst makes regular reports from a variety of sources, of which, by no means of least importance, are analyses of water from consumers' supply taps in various parts of the town.

CORPORATION SWIMMING BATHS.

During the year a high state of clarity was maintained by sand-bed filtration.

DRAINAGE AND SEWERAGE.

New surface water sewers have been laid in the following roads :—

By the Corporation.

Marlborough Road	Redcliffe Road (part).
Patching Hall Lane	Unmade Road fronting Rainsford School on east side.

New soil and surface water sewers have been laid in the following roads :—

By Private Developers.

Tyrells Close.	Pines Road (part).
Winchester Drive (part).	Gordon Road (part).
Woodhall Road.	Gloucester Avenue (part).
Van Dieman's Lane (extension).	

SEWERAGE WORKS.

The quantity of sewage flowing to the Works is bordering on the peak capacity for which the works were designed, and considerably exceeds this during wet periods.

RIVERS AND STREAMS.

A close watch is kept on the rivers within the Borough, and all possible steps taken to prevent pollution.

PUBLIC CLEANSING.

There has been no alteration in the method of refuse collection and disposal during the year. The Refuse Tip has been further extended and land is now prepared for tipping at a point opposite the bend in the river below Rainsford Avenue.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR.

(i) By the Local Authority	..	..	..	Nil.
(ii) By other Local Authorities	..	..	..	1
(iii) By other Bodies or persons	..	..	..	272
Total	..	..	..	273

1. INSPECTIONS OF DWELLING HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	..	410
(b) Number of inspections made for the purpose	..	955

WATER ANALYSES.

(Drs. Beale and Suckling).

14a

Date of Analysis :—	13th November, 1939.	15th November, 1939.	13th November, 1939.	15th November, 1939.	15th November, 1939.	15th November, 1939.	20th November, 1939.
Sample from :—	Galleywood Pumping Station Borehole.	Kings Road Main	Mildmay Road Borehole.	Boarded Barns Pumping Station.	Brockley Road Main.	Admirals Park Tower (Borehole and Spring).	Sandford Mill Rising Main.
		CHEMICAL		RESULTS IN PARTS PER	100,000.		
Appearance	Clear and bright.	Clear and bright.	Clear and bright.	Clear and bright.	Clear and bright.	Bright—few mineral particles. Turbidity nil.	Bright—slight deposit of flocculent grey mineral debris. Turbidity 5 p.p.m. Silica Scale.
Colour	Normal.	Normal.	Normal.	Normal.	Normal.	Normal.	Normal.
Odour	None.	None.	None.	None.	None.	None.	None.
Reaction pH. ..	Faint Alkaline 8.5	Neutral 7.3	Neutral 7.3	Neutral 7.0	Neutral 7.3	Neutral 7.2	Faintly Alkaline 8.5
Free Carbonic Acid ..	Nil.	0.88	3.1	4.4	0.88	3.2	Trace .
Electric Conductivity at 20°C.	1530	550	1210	700	530	965	380
Total Solids, 180°C. ..	102.0	37.0	81.0	47.0	35.0	64.0	25.0
Chlorine in Chlorides ..	30.4	5.1	18.0	2.8	5.3	12.4	2.8
Nitrogen in Nitrates ..	Nil.	0.32	0.72	1.00	0.26	0.32	0.18
Nitrites	Absent.	Slight trace.	Trace.	Absent.	Trace.	Slight trace.	Trace.
Hardness : Total ..	2.5	17.0	21.0	36.0	15.0	21.0	12.5
Permanent	0.0	10.0	0.0	12.0	9.5	0.0	11.5
Alkalinity as CaCO ₃ ..	33.0	9.0	30.0	26.0	7.5	28.0	3.0
Metals	Iron—0.020	Iron—0.005. Other Metals Absent.	Iron—0.005	Iron—0.003	Iron—0.005. Other Metals Absent.	Iron—0.007	Iron—0.005. Other Metals Absent.
Free Ammonia	0.0920	0.0016	0.0176	0.0000	0.0032	0.0168	0.0072
Albuminoid Ammonia ..	0.0008	0.0100	0.0020	0.0008	0.0128	0.0008	0.0152
Oxygen absorbed in 4 hours at 80°F.	0.040	0.105	0.030	0.005	0.125	0.020	0.165
Free Chlorine	Absent.	—	0.1 p.p.m.	—	—	0.08 p.p.m.	0.10
			BACTERIOLOGICAL	RESULTS.			
No. of Bacteria per c.c.—							
On Agar in 3 days at 20°C.	3	5	2	3	3	6	12
On Agar in 2 days at 37°C.	2	4	1	1	1	3	9
On Agar in 24 hours at 37°C.	2	0	1	1	1	3	9
The Bacillus Coli	Absent in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.
Bacillus Welchii	Absent in 100 c.c.	Present in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.	Present in 100 c.c.	Absent in 100 c.c.	Absent in 100 c.c.
(B. Enteritidis Sporogenes) ..		Absent in 10 c.c.			Absent in 10 c.c.		
Report :	This is a satisfactory sample. The water is clear and bright in appearance, faintly alkaline in reaction, soft in character, and has a high, but not excessive, content of salinity. It is of very satisfactory organic and bacterial purity and shows no evidence of pollution. In these respects the water is considered wholesome in character, and suitable for the purposes of public supply.	This sample is clear and bright, and of normal colour, neutral in reaction, and free from metals, with the exception of a negligible trace of iron. The water is not unduly hard in character, contains no excess saline or mineral matter in solution, and is of satisfactory organic and bacterial purity. These results are satisfactory and consistent with wholesome water, suitable for drinking and domestic purposes.	This sample is clear and bright, of normal colour, neutral in reaction, and free from metals, with the exception of a negligible trace of iron. The water is hard in character, although not unduly so, contains no excess of salinity, and is of satisfactory organic quality, and a high degree of bacterial purity. These results are consistent with a wholesome water, suitable for the purposes of public supply.	This sample is clear and bright and of normal colour. The water is very hard in character, although not to such a degree as to be detrimental to health, contains no excess of saline or mineral matter in solution, no metals with the exception of a negligible trace of iron, and is of a high standard of organic and bacterial purity. These results are satisfactory and consistent with a wholesome water, suitable for drinking and domestic purposes.	This sample is clear and bright, of normal colour, neutral in reaction, and free from metals, with the exception of a negligible trace of iron. The water is not unduly hard in character, contains no excess of saline or mineral matter in solution, and is of satisfactory organic and bacterial purity. These results are satisfactory and consistent with a wholesome water, suitable for drinking and domestic purposes.	This sample is reasonably clear and bright and of normal colour. The water is hard in character, although not unduly so, contains no excess of salinity, no metals, with the exception of a negligible trace of iron and of a high standard of organic and bacterial purity. These results are consistent with a wholesome water, suitable for drinking and domestic purposes.	This sample is not quite clear and bright, containing a trace of mineral debris in suspension, but it has no discolouration. The water is faintly alkaline in reaction, has moderate hardness, contains no excess of saline or mineral matter in solution and no metals, with the exception of a negligible trace of iron. It is of satisfactory organic and bacterial purity and is considered wholesome in character, and suitable for drinking and domestic purposes.

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Amendment Regulations, 1932.. 99

(b) Number of inspections made for the purpose .. 459

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 64

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .. 115

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICE.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 122

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A. *Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.*

(1) Number of dwelling-houses in respect of which notices were served requiring repairs 9

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(a) By owners Nil

(b) By Local Authority in default of owners .. Nil

B. *Proceedings under Public Health Acts.*

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. Nil

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By owners Nil

(b) By Local Authority in default of owner .. Nil

C. *Proceedings under Sections 11 and 13 of the Housing Act, 1936.*

(1) Number of dwelling-houses in respect of which Demolition Orders were made.. .. . Nil

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders 2

D. Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ..	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ..	Nil

4. HOUSING ACT, 1936—PART IV.—OVERCROWDING.

A. (1) Number of dwellings overerowed at the end of the year..	23
(2) Number of families dwelling therein	23
(3) Number of persons dwelling therein	248
B. Number of new cases of overerowing reported during the year	2
C. (1) Number of cases of overerowing relieved during the year	17
(2) Number of persons concerned in such cases ..	33½
D. Particulars of any cases in which dwelling-houses have again been overerowed after the Local Authority have taken steps for the abatement of overerowing ..	Nil
E. Any other particulars with respect to overerowing conditions upon which the Medical Officer of Health may consider it desirable to report.	Nil

MILK SUPPLY.

Frequent inspections of cowsheds, dairies and milkshops are made by the Sanitary Inspector, in addition to the bi-monthly inspections by the Veterinary Inspector.

MEAT AND OTHER FOODS.

The Veterinary Inspector receives notices of slaughter under the Public Health (Meat) Regulations, 1924, and inspects carcasses.

The Sanitary Inspector supervises slaughterhouses, butchers' shops and other places where food is prepared. (See Report of Sanitary Inspector, pages 21 to 23).

FACTORIES ACT, 1937.

1.—INSPECTIONS FOR PURPOSES OR PROVISIONS AS TO HEALTH.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
Factories with mechanical power	39	} 21	—
Factories without mechanical power	37		—
Other Premises under the Act (including works of building and engineering construction, but not including outworkers' premises)	2	—	—
Total	78	21	—

2.—DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of defects in respect of which Prosecutions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
Want of Cleanliness	2	2	—	—
Overcrowding	—	—	—	—
Unreasonable temperature	—	—	—	—
Inadequate ventilation	—	—	—	—
Ineffective drainage of floors	—	—	—	—
Sanitary Conveniences—				
Insufficient	6	5	—	—
Unsuitable or defective	11	4	—	—
Not separate for sexes	—	—	—	—
Other offences	2	1	—	—
(Not including offences relating to Home Work or offences under the Sections mentioned in the Sched- ule to the Ministry of Health (Factories and Workshops Trans- fer of Power) Order, 1921, and re- enacted in the Third Schedule to the Factories Act, 1937.)				
Total	21	12	—	—

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

Chemical and bacteriological examinations are made by the Counties Public Health Laboratories, 91, Queen Victoria Street, London, E.C.4.

NUTRITION.

Any necessary advice on this subject is given at the various clinics. Malnutrition remains uncommon in the Borough.

DIPHTHERIA.

It was thought expedient to inaugurate a scheme for mass immunisation of the children during the year and this was done by the two injection method which continues to be given to those who make the request. Alum Precipitated Toxoid is used. Nos. for 1939—2,175. Evacuees—48. Total—2,223.

SCARLET FEVER.

The number of cases notified during the year was 36.
This disease calls for no further comment for the present year.

EXAMINATION OF PATHOLOGICAL AND BACTERIOLOGICAL SPECIMENS.

See page 7.

VACCINATION.

No vaccinations have been performed by the Medical Officer of Health.

PUBLIC VACCINATORS :—

- C. W. Alford, Esq., M.D., 68, Duke Street.
- R. W. Willcocks, Esq., M.B., 194, Springfield Road.
- J. T. Whitley, Esq., M.B., 18, New London Road.

PREVENTION OF BLINDNESS.

No cases occurred requiring action under Section 176 of the Public Health Act, 1936.

TUBERCULOSIS.

The notified cases are shown on page 20.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1939.

Disease.	Total cases.	NOTIFICATIONS AT AGES.											Cases admitted to Hospital.	Total Deaths.	Total cases notified in each Ward.			
		Under 1 year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65			North Ward.	South Ward.	East Ward.	West Ward.
												Over 65						
Scarlet Fever ..	35	—	—	1	5	—	13	6	3	3	1	3	33	—	12	8	3	12
Diphtheria ..	9	—	—	—	—	—	4	1	2	1	—	1	9	—	3	—	6	—
Puerperal Pyrexia ..	4	—	—	—	—	—	—	—	—	3	1	—	—	—	—	2	—	2
Pneumonia ..	13	—	1	1	—	—	—	1	3	—	4	2	2	—	5	5	—	3
Erysipelas ..	4	—	—	—	—	—	—	—	—	2	—	1	2	—	3	1	—	—
Whooping Cough ..	3	—	—	—	1	1	1	—	—	—	—	—	—	—	—	3	—	—
Ophthalmia Neonatorum ..	1	1	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Para-Typhoid B. ..	9	—	—	—	—	1	—	—	3	4	—	—	7	—	3	2	1	3
Acute Encephalitis Lethargica ..	1	—	—	—	—	—	—	—	1	—	—	—	1	—	1	—	—	—
Measles ..	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Totals ..	80	2	1	2	6	2	13	8	12	13	6	7	55	—	29	21	10	20

TUBERCULOSIS.
NEW CASES AND MORTALITY DURING 1939.

Age Periods.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Under 1 year ..	—	—	—	—	—	—	—	—
1 to 5 years ..	—	—	2	1	—	—	—	1
5 to 15 " ..	—	1	1	9	—	—	—	—
15 to 25 " ..	3	3	—	—	1	1	—	—
25 to 35 " ..	2	5	—	2	3	1	1	—
35 to 45 " ..	7	3	—	—	2	—	—	—
45 to 55 " ..	1	2	—	—	—	1	—	—
55 to 65 " ..	1	2	1	—	4	—	—	—
Over 65 years ..	—	—	—	—	—	—	—	—
TOTALS ..	14	16	4	12	10	3	1	1

Non-notified Tuberculosis Deaths 4
Total Tuberculosis Deaths 15

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.
STATEMENT OF PARTICULARS OF CASES OF TUBERCULOSIS, COMPILED FROM THE REGISTER,
FOR THE YEAR ENDED 31ST DECEMBER, 1939.

	PULMONARY.			NON-PULMONARY.			Pulmonary and Non-Pulmonary TOTAL.
	Males.	Females.	Total.	Males.	Females.	Total.	
(1) Number of cases on the Register on the 1st January, 1939	103	84	187	32	33	65	252
(2) Number of cases NOTIFIED to me under the Regulations for the first time during the year	12	11	23	4	10	14	37
(3) Number of cases added to the Register during the year which have been brought to my notice otherwise than by notification	5	5	10	1	1	2	12
(4) Number of cases removed from the Register during the year	43	52	95	7	12	19	114
(5) Number of cases remaining on the Register on the 31st December, 1939	77	48	125	30	32	62	187

OPHTHALMIA NEONATORUM.

CASES.			Vision unimpaired.	Vision impaired.	Total blindness.	Deaths.
Notified.	Treated.					
	At home.	In hospital.				
1	1	—	1	—	—	—

REPORT OF THE CHIEF SANITARY INSPECTOR.

R. F. WYNN, M.S.I.A., C.R.S.I.

PUBLIC HEALTH DEPARTMENT,

COVAL LANE,

CHELMSFORD.

*September, 1940.*TO THE MAYOR, ALDERMEN AND COUNCILLORS OF
THE BOROUGH OF CHELMSFORD.

MR. MAYOR, GENTLEMEN,

I have the honour of presenting the following abbreviated report on the work carried out during 1939.

During this year greatly simplified amended legislation relating to Public Health matters became operative and it is unfortunate that many of the provisions laid down by these new enactments have had to be set aside to enable A.R.P. duties to be carried out. One cannot lose sight of the fact that although the Council are unable to proceed with their clearance area work, these low standard dwellings are still further taxed with a portion of the influx of evacuees. Such war-time conditions call for regular strict inspections.

Much is required in the direction of food preparation premises and the Food and Drugs Act requires all these premises to be registered, but the present number of staff will not allow this work to be rapidly carried out.

*Summary of Sanitary Work carried out as a result of Notices
Served or Recommendations made.*

Informal notices issued :—

Dwelling Houses :—

Housing Act	..	..	..	..	18
Public Health Acts	..	..	..	..	97
Other	..	..	..	..	20
Notices complied with	..	..	..	..	122
Houses reconditioned	..	..	..	..	4
Houses demolished	..	..	..	..	11
Houses, or parts of, closed as unfit for habitation	..	..	..	..	3
Sinks provided	..	..	..	..	6
Insanitary sinks abolished	..	..	..	..	5
Defective sink, bath and lavatory waste pipes repaired or renewed	..	..	..	..	8

Dust bins provided	66
Roofs, eaves gutters, chimneys repaired	16
Coppers repaired or renewed	3
Firegrates repaired or renewed	35
Drainage repairs or additions	23
Houses redrained	7
New W.C.'s provided	3
W. C.'s repaired	11
Insanitary W.C. pans abolished	4
Dilapidated W.C. rebuilt	1
Floors repaired or renewed	7
Stairs repaired, handrails provided	1
Doors and other woodwork repaired	6
Walls, ceilings and plasterwork repaired	18
Dampness remedied	21
Houses cleansed	4
Windows repaired or enlarged	21
Sash cords repaired	16
Water supplies improved	11
Accumulations of refuse removed	7
Miscellaneous nuisances abated	13
Observations in connection with Smoke Nuisances	18

Housing Act, 1936.

Particulars of housing inspections are given in the Medical Officer of Health's Report on pages 14 to 16.

Verminous Houses.

31 houses have been disinfested.

Treatment is carried out according to the suitability for Hydrogen Cyanide gas, Sulphur Dioxide mixtures and/or spraying, following removal of picture rails, skirtings, architraves and wall paper.

Fumigations are carried out by this department except when Hydrogen Cyanide is used, when a contractor who specialises in this work is employed.

Following disinfestation, visits are paid to ensure that the premises are vermin free, and precautions taken to prevent re-infestation.

Bakehouses.

16 visits have been made to bakehouses. In 3 cases it has been necessary to request the occupiers to thoroughly cleanse and limewash, otherwise they are well kept.

Factories and Workshops.

78 visits have been paid. 21 defects were found and have been brought to notice.

Cowsheds, Dairies and Milkshops.

12 visits to cowsheds and 57 visits to dairies and milkshops have been made and improvements effected.

44 samples of milk were obtained and submitted for bacteriological examination.

Ice Cream—Essex County Council Act, 1933.

82 persons are on the register as vendors, manufacturers, &c. Regular visits are paid to ensure cleanliness and suitability of premises.

Slaughterhouses and Butchers' Shops.

17 visits to slaughterhouses and 30 to butchers' shops have been made.

One slaughterman was prosecuted for killing pigs without stunning as required by the Slaughter of Animals Act, 1933. A conviction was obtained.

The slaughterhouses in the Borough are 4 registered and 4 licensed.

Food Condemned and Surrendered.

Tinned Hams	..	..	..	413lbs. 11ozs.
Corned Beef	..	..	..	6lbs.
Fish	..	..	..	88lbs. 4ozs.

Common Lodging Houses.

One common lodging house has been closed and steps are being taken to close the remaining one on the ground of its insanitary condition and structures.

Offensive Trades.

14 visits have been made to fish fryers and cleansing and limewashing have been carried out. Conditions are only fair at these premises. Modern fume consuming appliances would make considerable improvement.

Disinfection, etc.

Where cases of notifiable diseases occurred, the bedding and clothing were removed to the Joint Hospital Board's disinfecting station for disinfection.

65 books from the Public Library were disinfected during the year.

Rats and Mice (Destruction) Act, 1919.

Constant attention has been given throughout the year, this being most important, but special efforts during Rat Week were made as follows :—

Two hundred letters and advisory pamphlets were sent out, in response to which my services were called upon by owners of rat infested premises. Tips, farms, food stores, etc., received special

attention, and I was able to secure the help of chemists and hardware stores in propaganda work.

Petroleum Acts.

During the year, 105 licences to store petroleum totalling 194,650 gallons were granted. Also 9 licensees were granted in respect of carbide of calcium totalling 4,748lbs.

I have the honour to be,

Mr. Mayor, Gentlemen,

Your obedient Servant,

R. F. WYNN,

Chief Sanitary Inspector.

REPORT OF THE VETERINARY INSPECTOR, 1939.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF
THE BOROUGH OF CHELMSFORD.

MR. MAYOR AND GENTLEMEN,

I have much pleasure in reporting that nothing of an unusual nature has arisen in connection with my duties as Veterinary Inspector to the Borough during the year ending 31st December, 1939.

Cows and Cowsheds.

All cows and cowsheds are inspected and examined regularly.

The number of cowsheds in the Borough is	..	..	7
The number of cows in the Borough is (approx.)	..	..	320

Dairies, Cowsheds and Milkshops.

Producers within the Borough are :—

P. Arnold, Springfield Hall.

R. H. Currie, Moulsham Lodge Farm, Lodge Farm, Galleywood,
and Tile Kiln Farm, Galleywood.

D. Fleming, Springfield Barnes.

G. Hodge, Widford Hall.

Magness & Sons, Dukes Hall, Springfield.

All milk traders selling milk in the Borough, although they live outside the area, have been required to register. This gives us a much better control of the supply in the town.

The Contagious Diseases of Animals Acts are administered by the Divisional Veterinary Officer of the Ministry of Agriculture.

Slaughterhouses.

The number of animals slaughtered in the Borough for human food during the year 1939 was approximately :—

Beasts	..	..	..	3,403
Sheep	..	..	..	12,901
Calves	..	..	..	369
Pigs	..	..	..	5,838

About one-half of the beasts, sheep and calves, and one-sixth of the pigs were slaughtered at Wright's slaughterhouses in Springfield Road.

Food Condemned and Surrendered.

	1937.	1938.	1939.
Sheep	1	1	4
Lambs	1	1	1
Pigs	18	10	10
Bullocks	4	5	8
Livers	230	365	273
Heads	135	141	141
Lungs	119	170	161
Tinned Livers	—	80lbs.	140

In addition to these, a considerable quantity of various organs and flesh is destroyed every day.

All slaughterhouses have been visited once every weekday and many times on Sunday, and at times for extra slaughtering.

Cattle condemned under the Tuberculosis Order are sent to Harrison & Barber's slaughterhouse, which is outside the Borough.

No dead animals are dealt with at Palmer's slaughterhouse.

The Butchers' shops in the Borough are as follows :—

Bright & Stapleton	..	..	Duke Street.
„	..	..	Moulsham Street.
Banham	..	..	High Street.
Candler	..	..	Moulsham Street.
Co-operative Society	..	..	Baddow Road.
„	„	..	Kings Road.
„	„	..	Duke Street.
„	„	..	Springfield Road.
Copsey	..	..	Springfield Road.
Cowley	..	..	Corporation Road.
Day	..	..	Broomfield Road.
W. & R. Fletcher	..	..	High Street.
Green & Sons	..	..	Moulsham Street.
„	„
London Central Meat Co.	..	..	High Street.
Matthews	..	..	Broomfield Road.
„	..	..	Moulsham Street.
Puncher	..	..	„
Rowe	..	..	Rainsford Road.
Sainsbury's	..	..	High Street.
Wright	..	..	Duke Street.
„	..	..	Kings Road.
„	..	..	Moulsham Street.
„	..	..	Springfield Road.
„	..	..	Tindal Street.

Slaughterhouses.

Registered.	Licensed.
J. F. Banham, High Street.	G. H. Archer, Viaduct Road.
H. Green & Sons, Moulsham Street.	W. T. Candler, Moulsham Street.
H. Green & Sons, Mildmay Road.	
H. Wright & Son, Springfield Road.	The Chelmsford Star Co-operative Society, Ltd., Coval Lane.

Slaughter of Animals Act.

Under the provisions of this Act 42 persons have been granted licences to slaughter.

Days of Slaughtering.

Co-operative Society : Mondays.
Candler : Monday, Tuesday, Thursday, Saturday.
Banham : Monday, Tuesday, Wednesday, Thursday.
Green (Pork Butcher) : Monday, Tuesday, Wednesday, Thursday.
Green (Beef Shop) : Tuesday, Wednesday, Thursday, Friday, Saturday.
Day : Monday, Wednesday.
Archer : Monday, Tuesday, Wednesday, Friday.
Rowe : Monday, Tuesday, Wednesday, Thursday, Friday.
Wright : Every day.

HORSE FLESH. A large quantity was sent from this town to Rotterdam and Antwerp. Export to Paris is now stopped. Special certificates are required for these, copies of which were published in the Annual Report for 1925 (now stopped). Since the outbreak of war horses were sent to other districts to be killed.

GOAT FLESH. No carcasses were sent to Belgium this year.

Animals Slaughtered in the Town and sent Abroad.

	1937.	1938.	1939.
Horses	72	82	Nil
Goats	10	20	Nil
Condemned Horses ..	—	—	Nil

Market.

The Corporation Market has been regularly attended on each market day and fair day, and all animals deposited or exposed for sale have been examined.

The market was closed for a short time for store pigs owing to outbreaks of Swine Fever.

Animals sent out of Market, 1939.

January	..	..	4 cows—tuberculosis.
10-2-39	..	..	1 bullock—injured.
17-2-39	..	..	2 pigs—suspected swine fever.
24-2-39	..	..	23 pigs—ditto.
3-2-39	..	..	1 pig—died herd disease.
„	..	..	3 pigs—hernia.
11-2-39	..	..	1 cow—fractured leg.
28-3-39	..	..	13 pigs—suspected swine fever.
12-5-39	..	..	1 cow—tuberculosis.
19-5-39	..	..	1 cow—ditto.
10-6-39	..	..	1 cow—died (not anthrax).
7-7-39	..	..	1 bullock—fractured leg.
4-8-39	..	..	1 cow—tuberculosis.
11-8-39	..	..	2 cows—ditto.
3-11-39	..	..	1 cow—died (not anthrax).
1-12-39	..	..	1 cow—fractured pelvis.
„	..	..	1 cow—tuberculosis.

In one case the owner was prosecuted for not notifying tuberculosis and also for cruelty in exposing the animal for sale. He was convicted and fined on both charges.

Animals exposed for sale in 1937, 1938, 1939.

		1937.		1938.		1939.
Fat Pigs	..	23,354	..	30,328	..	24,641
Store Pigs	..	19,313	..	22,767	..	16,190
Rams ..	..	316	..	300	..	333
Fat Sheep	..	14,145	..	17,570	..	16,475
Store Sheep	..	13,243	..	10,159	..	10,927
Lambs	..	715	..	781	..	430
Bulls ..	..	655	..	809	..	1,002
Fat Beasts	..	6,585	..	6,021	..	6,535
Store Beasts	..	12,626	..	13,109	..	14,582
Dairy Cows	..	3,830	..	4,173	..	4,402
Classified Beasts	..	457	..	781	..	413
Fat Calves	..	317	..	225	..	382
Store Calves	..	6,845	..	7,288	..	8,277
Horses	..	655	..	686	..	656
Goats ..	..	2	..	9	..	21
58 sows and 460 pigs.						

There is a marked improvement in the quality of cattle exposed for sale.

The following figures may be of interest :—

	1937.	1938.	1939.
Poultry	90,372	87,756	78,546
Tame Rabbits	809	914	1,168
Wild Rabbits	12,199	11,470	8,879
Day-old Chicks	110,359	111,240	158,360
Eggs	4,685,300	4,498,563	4,228,820

Special Sales held from January, 1939, to December, 1939.

20-1-39	32 Dairy Bulls.
20-2-39	30 Guernsey Cows and 6 Calves.
3-3-39	145 Essex Pigs.
31-3-39	47 Ayrshire Cows and 5 Calves.
2-5-39	214 Irish Store Beasts.
30-6-39	33 Guernsey Cows and 11 Calves.
25-8-39	177 Essex Pigs.
3-10-39	97 Store Beasts.
24-10-39	251 Irish Store Beasts.
25-10-39	50 Friesian Cows and 5 Bulls.
7-11-39	276 Irish Store Cattle.
21-11-39	266 Irish Store Cattle.
5-12-39	249 Irish Store Cattle.
12-12-39	28 Bulls.

I would again call your attention to the need of :—

- (1) Ringing of Bulls brought to the market.
- (2) One-way traffic to do away with the great congestion.
- (3) Registration of Drovers.

HORSES. The two horses at Manor Road are in good health and condition.

SEWERAGE FARM. The health of the animals has been generally good.

I have the honour to be,

Your obedient Servant,

W. S. MULVEY, O.B.E., T.D., F.R.C.V.S.,

Veterinary Inspector.





